

20000723.qrp v01_n891.qrl.20000723

Date: Sun, 23 Jul 2000 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1891

QRP-L Digest 1891

Topics covered in this issue include:

- 1) [75638] FOX: ANT: Armed to the teeth!
by John Wagner <john@neknetwork.com>
- 2) [75639] Re: FOX: ANT: Armed to the teeth!
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 3) [75640] OT: I have Linux, Now What...
by wb2vuo@juno.com
- 4) [75641] Re: OT: I have Linux, Now What...
by Bob Nielsen <nielsen@oz.net>
- 5) [75642] 45 Reasons to come to Ft. Tuthill
by GElam30092@aol.com
- 6) [75643] Re: OT: I have Linux, Now What...
by "Mike Yetsko" <myetsko@insydesw.com>
- 7) [75644] Re: OT: I have Linux, Now What...
by Richard Arland <k7sz@epix.net>
- 8) [75645] magnet wire
by Drbob92031@aol.com
- 9) [75646] FS: TenTec Omni-C Station
by Jeff Davis <jeff@n9avg.org>
- 10) [75647] Re: RE> Want to go "Retro"
by "Dan W. Dooley" <dandooley@pipeline.com>
- 11) [75648] FOX: Progressive Scores
by "Marshall Emm" <mgemm@mtechnologies.com>
- 12) [75649] Gel Cell info needed
by Mike <mparkes@att.net>
- 13) [75650] Re: [Elecrafft] 45 Reasons to come to Ft. Tuthill
by Phil Wheeler <w7ox@earthlink.net>
- 14) [75651] Re: OT: I have Linux, Now What...
by Bob Nielsen <nielsen@oz.net>
- 15) [75652] QRP Webring
by "K7FD-N7SG" <cqdx@teleport.com>
- 16) [75653] Re: Magnet Wire Source
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 17) [75654] Re: magnet wire
by "Scott Hotchkiss" <w4pj@bellsouth.net>
- 18) [75655] QRZ.com
by Rick McKee <kc8aon@juno.com>
- 19) [75656] Humiseal, more Z-match experiments & parts stuff

- by nilsbull@juno.com
- 20) [75657] Re: QRZ.com
by Shepherd@aol.com
- 21) [75658] MFJ Cub
by "Pete Milsom" <pete.milsom@virgin.net>
- 22) [75659] 20 M Useful Even IF
by Charles K Brown <n4so@juno.com>
- 23) [75660] new club
by neil tanner <ntan@crosslink.net>
- 24) [75661] ANTS: EDZ and Inverted Vee.
by "Steve/n0tu" <n0tu@webaccess.net>
- 25) [75662] Re: 45 Reasons to come to Ft. Tuthill
by Bruce Rattray <rattray@gpfn.sk.ca>
- 26) [75663] ANT: QRP use of the Double Bazooka
by John Wagner <john@neknetwork.com>
- 27) [75664] Re: Magnet Wire Source
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 28) [75665] Re: 45 Reasons to come to Ft. Tuthill
by wa4dou@excite.com
- 29) [75666] Ft. Tuthill
by "James R. Duffey" <jamesd1@flash.net>
- 30) [75667] Re: 20 M Useful Even IF
by wa4dou@excite.com
- 31) [75668] Electronic "reference type books" FS
by "Ken Simpson" <W8EK@fdt.net>
- 32) [75669] Tuthill and Your Bod
by Brian Kassel <bkassel@dancris.com>
- 33) [75670] Assistance, pse
by "J. Ervin Bates" <w8erv@email.msn.com>
- 34) [75671] KI6DS heading for Ft. Tuthill
by "Doug Hendricks" <ki6ds@hotmail.com>
- 35) [75672] Re: ANT: QRP use of the Double Bazooka
by Thomas Kuehl <ac7a@gci-net.com>
- 36) [75673] W7MD Hound No More
by "Damon Raphael" <w7md@azstarnet.com>
- 37) [75674] Re: Gel Cell info needed
by JP <jdanter@mail.i-america.net>
- 38) [75675] Reading while operating CW
by Jim Durkin <jimdurkin@yahoo.com>
- 39) [75676] FS : PnP blue pcb film
by James Skalski <jskalski@localnet.com>
- 40) [75677] Foxhound-mobile PIX now posted
by "Rod, N0RC" <n0rc@qsl.net>
- 41) [75678] fox 23-Jul qso(s)
by "Rod, N0RC" <n0rc@qsl.net>
- 42) [75679] Another Pelt for the Wall... :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 43) [75680] Re: W7MD Hound No More

by "Bob Tellefsen" <n6wg@earthlink.net>
44) [75681] Did u kill the Fox?
by W1R0@aol.com
45) [75682] Re: Did u kill the Fox?
by "Kenneth Wilson" <kg4big@mindspring.com>
46) [75683] Fox--With a Single Shot
by "Bob Tellefsen" <n6wg@earthlink.net>
47) [75684] Re: W7MD Hound No More
by "Damon Raphael" <w7md@azstarnet.com>
48) [75685] FOX?...what FOX
by N10DL@aol.com
49) [75686] FOX: Double Bazooka does the job!
by John Wagner <john@neknetwork.com>
50) [75687] Re: FOX?...what FOX
by "w8diz" <w8diz@cinci.rr.com>
51) [75688] Re: ANT: QRP use of the Double Bazooka
by "Dave Benham" <dodgeboy@mindspring.com>
52) [75689] F00MOT on 12M @ 40mW & 20mW
by Jim Hale <kj5tf@yahoo.com>
53) [75690] FOX andCondx
by "jay henson" <jbhenson@zebra.net>
54) [75691] Killing the Fox
by "Marshall Emm" <mgemm@ntechnologies.com>
55) [75692] Got FOX pelt OK today
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
56) [75693] More QRP rig modifications
by John AE5X <ae5x@juno.com>
57) [75694]
by "Doug Hendricks" <ki6ds@hotmail.com>

Date: Sat, 22 Jul 2000 19:15:56 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75638] FOX: ANT: Armed to the teeth!
Message-ID: <397A2B2C.E282289E@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow Fox Hunters;

I've yet to bag a fox this year despite spending a lot of time in the field (every fox hunt). I moved my big dipole so it was aiming more or less east/west (ne/sw actually) but I couldn't hear A1 in Thurs hunt (not surprising, I think we're too close).

After announcing my lack of success in the Thurs hunt, I got a nice email from Doc, K0EVZ. Doc mentioned that he bagged Al da fox with a new antenna: A Double Bazooka! Oh man, a Double Bazooka, I KNEW I HAD TO HAVE ONE OF THESE!!! So with a pointer from Doc, I surfed over to Ed, WE6W's web site and found the plans for a homebrew Double Bazooka antenna. It's at http://www.qsl.net/we6w/projects/baz_std.txt for those interested.

I had a 100' of coax burning a hole in my basement as well as a bunch of 300 ohm twin lead. I melted one together last night cut for 20 meters and strung it up today as an inverted V abt 25' high in the middle. Well guys, I have to tell you, this thing has an SWR of 1.4:1 from 14.025 to 14.350 and I just worked KF6UXD, Jig in SF, CA w/a solid 599 sig both ways at 100w (sorry, but I had to blast the thing first QSO!). The kicker was switching back and forth between the dipole and the Bazooka (and yes, saying "ant is BAZOOKA" on the air is FUN!) showed abt a 1 to 2 S-Unit difference for the better for the Bazooka. Tuning around and switching back and forth showed that sometimes the dipole was equal, but most of the time the Bazooka was a bit to a lot better. For reference, the dipole I'm now using is 64' each leg fed with 450 ohm ladder line up a good 50 feet in spots.

The unfortunate thing is I've got the bazooka mounted pretty rinky dink, so it will probably come after tomorrow's hunt. I may have to figure out a more permanent way to mount this antenna.

Any ways, I'm coming out tomorrow with both barrels of my Double Bazooka blazing! I urge you guys to TAKE COVER when I start blasting, 'cause this thing ain't real accurate but it makes a big 'ol BANG! I have to say guys, the QRP fox hunt is pretty much my favorite 2 hours on the radio.

Good hunting to all, 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sat, 22 Jul 2000 20:14:59 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [75639] Re: FOX: ANT: Armed to the teeth!
Message-ID: <3.0.6.32.20000722201459.00797100@vmsspop.rit.edu>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Oh man, a Double Bazooka, I KNEW I HAD TO
>HAVE ONE OF THESE!!! So with a pointer from Doc, I surfed over to Ed,
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>antenna. It's at http://www.qsl.net/we6w/projects/baz_std.txt for those
>interested.

John,

In my Navy MARS days a guy on the statewide net swore by the Double Bazooka. It's broad as a barn door in terms of bandwidth, and (he claimed) less noisy because all the conductors have a DC path to ground. He came on the net (75M) one night curious about his signal, which was always good and no different that night. His old dipole had come down, so he hastily rigged a Double Bazooka and left it laying in the wet grass while he made the net. Got my attention, until I learned that it wouldn't fit on my lot (I had about 55' to work with) and it's not going to work as a multiband antenna.

But it sounds like a fox-killer to me! Go get 'im!

Dave

Date: Sat, 22 Jul 2000 20:26:15 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [75640] OT: I have Linux, Now What...
Message-ID: <20000722.202617.-291383.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of my brothers just gave me his copy of Red Hat Linux (Version 4.2) consisting of the CD-ROM and a 3.5" Floppy labeled "Supplemental Diskette"

I have a spare computer here, and was thinking of installing the package, but the computer won't read or boot of the floppy.

No docs (of course! Rog couldn't find the book!)

Do I have a coaster, or a potential O/S?

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 22 Jul 2000 18:16:27 -0700

From: Bob Nielsen <nielsen@oz.net>

To: qrp-1@lehigh.edu

Subject: [75641] Re: OT: I have Linux, Now What...

Message-ID: <20000722181627.B15620@oz.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Sat, Jul 22, 2000 at 08:26:15PM -0400, wb2vuo@juno.com wrote:

> One of my brothers just gave me his copy of Red Hat Linux (Version 4.2)

> consisting of the CD-ROM and a 3.5" Floppy labeled "Supplemental

> Diskette"

>

> I have a spare computer here, and was thinking of installing the package,

> but the computer won't read or boot of the floppy.

>

> No docs (of course! Rog couldn't find the book!)

>

> Do I have a coaster, or a potential O/S?

There are probably some text files on the CD-ROM that will help you get going. OTOH, Red Hat 4.2 is over three years old and there have been some major changes in Linux during that time. I'd suggest that you take a look at <http://www.linuxmall.com> or <http://www.lsl.com> and look for a cheap CD-ROM of a later version, often available for less than \$5.00. Red Hat is fine, but there are several others which are good also (I use Debian here). I've been running Linux for nearly 6 years and find it does nearly everything I want in an OS (I even run Quicken in Windows under a Linux program called Win4Lin).

--

Bob Nielsen, N7XY

Bainbridge Island, WA

nielsen@oz.net

<http://www.oz.net/~nielsen>

Date: Sat, 22 Jul 2000 21:42:36 EDT
From: GElam30092@aol.com
To: elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [75642] 45 Reasons to come to Ft. Tuthill
Message-ID: <bc.82dfacd.26aba78c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

1. A Doug Hauff custom key and base
- 2-4 Emtech's (2) Coax Grabbers and (1) Ladder Grabber.
- 5 - 10 Embedded Research TiCK-4 Kit, the TiCK-EMB Enclosure Kit, the SuperTiCK basic keyer kit, a TiCK-Basic Enclosure kit, a TiCK-EMB-4 delux kit and a TiCK-SMT Enclosure kit.
- 11 - 13 Ft. Smith QRP Group's (3) Iambic Paddle/TiCK keyer kits
14. A Buckmaster HamCall cd-rom.
- 15-16 Summer 2000 editions of QRZ x 2
- 17 A Kanga \$50 gift certificate.
- 18 - 21 NorCal: (2) tuners and (2) SMT kits
- 22 Paul Harden, NA5N's Electronic Data Book for Homebrewer's and QRP'ers.
- 23 Tiny CMOS Keyer-SMT version-kit
- 24 - 29 (6) one-year subscriptions to Worldradio
- 30 A PW-1 Antenna
- 31 A Small Wonders PSK-QRP kit
- 32-36 Five of the NOSS Noise Generator kits and more to sell at Ft. Tuthill!
- 37 The seminars
- 38 Keys/Keyers/Paddles/Accessories/test equipment building contest
- 39 XCVRs/XMITTRs/RCVRs building contest
- 40 Norcal SMK-1 and Accessories building contest
- 41 Ugliest thing you built that works building contest
- 42 Tuna Tin 2 kits
- 43 The Saturday evening dinner/cook-out
- 44 The pancake breakfast
- 45 Cooler weather than in Phoenix

See you in Flagstaff at Ft. Tuthill. For more info, see
<http://www.extremezone.com/~nk7m/qrp2000.htm>

73's
Gerry Elam, K7LRO
PHX AZ

Date: Sat, 22 Jul 2000 21:53:54 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nielsen@oz.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75643] Re: OT: I have Linux, Now What...
Message-ID: <001b01bff448\$efbc9740\$0600a8c0@Dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a copy of Red Hat at a place called "Ocean State Job Lots" for \$5. It was 5.0. There was also Mandrake (I think 6.2) and at least one other one.

But I wanted that printed multi-hundred page manual....

What the floppy you have PROBABLY is ... is a boot floppy, just to boot a system and get it going if you don't already have a system on it. So you probably can't read the floppy. Well, probably not true, you can probably read the floppy just fine, but you can't make any sense out of it.

Check out the salvage/discounters. The CDs, while nice to have, are essentially worthless, as you'd want much newer stuff anyway, and it's available on the web. What the 'real boxed set' really gets you is the manual.

Mike

> On Sat, Jul 22, 2000 at 08:26:15PM -0400, wb2vuo@juno.com wrote:
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> >
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> for a cheap CD-ROM of a later version, often available for less than
> \$5.00. Red Hat is fine, but there are several others which are good
> also (I use Debian here). I've been running Linux for nearly 6 years
> and find it does nearly everything I want in an OS (I even run Quicken
> in Windows under a Linux program called Win4Lin).

>

> --

> Bob Nielsen, N7XY nielsen@oz.net
> Bainbridge Island, WA <http://www.oz.net/~nielsen>

>

>

Date: Sun, 23 Jul 2000 01:57:36 -0400
From: Richard Arland <k7sz@epix.net>
To: nielsen@oz.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75644] Re: OT: I have Linux, Now What...
Message-ID: <397A8950.2FD030B8@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of my HDDs crashed on Monday and I just got the Linux For Dummies with ver 6.1 so I decided to install it. It took a while and it was a "learning experience", but I kept saying to myself that it took me a while to master DOS back in the 80s so this won't be all that bad.

Well, I got the system up and running, had superuser status along with a regular logon user account on the machine...worked OK, but I had no software to run. There was a small word proc program included with the Linux package. XWindows is a nice and friendly icon driven desktop, but in order to "get productive" one must invest some money. One office suite that the book recommended cost \$99 (which pales pricewise in comparison to the cost of MS Office 2000 or some of the other productivity packages). Another package from Sun Microsystems was cheaper but less sophisticated. I tried loading some DOS programs on the system but they would not load.

I was under the impression that Linux would run DOS programs, but I guess I didn't have the right programs. Alas, I took Linux off Friday morning, reformatted the HDD and reinstalled MS Windows...Gates wins again! Sigh!

73 Rich K7SZ

Bob Nielsen wrote:

>
> On Sat, Jul 22, 2000 at 08:26:15PM -0400, wb2vuo@juno.com wrote:
> > One of my brothers just gave me his copy of Red Hat Linux (Version 4.2)
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> also (I use Debian here). I've been running Linux for nearly 6 years
> and find it does nearly everything I want in an OS (I even run Quicken
> in Windows under a Linux program called Win4Lin).
>
> --
> Bob Nielsen, N7XY
> Bainbridge Island, WA
>
nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Sat, 22 Jul 2000 22:04:35 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [75645] magnet wire
Message-ID: <1e.85a6393.26abacb3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/22/00 12:36:12 PM Eastern Daylight Time,
w5drc@earthlink.net writes:

<< Yea, but if I did that my wife would kill me for destroying her TV set!
Lee Bahr w0vt >>

Hi Lee;

If the wife wants to kill you she will find some more reasonable excuse like leaving the toilet seat up.

I am talking about old, defunct TV. I forgot when I last purchased any parts for my HB stuff, from the good old tube days until CB stuff (Circuit Board) WA2EAW...Bob

Date: Sat, 22 Jul 2000 21:10:59 -0400
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [75646] FS: TenTec Omni-C Station
Message-ID: <20000722211059.A15960@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

For Sale:

TenTec Omni-C. Excellent condition with deluxe power supply/speaker.

5-100W output, all solid state with digital readout. With TT microphone (not original, matches the Omni VI+). All HF bands including WARC.

More info about the equipment at:

<http://www.qsl.net/tentec/specs/546c.jpg>

<http://www.qsl.net/tentec/specs/255.jpg>

Asking \$550 and I will ship CONUS.

Contact me off the list for more information.

--

72 de Jeff, N9AVG

Date: Sat, 22 Jul 2000 21:26:19 -0500
From: "Dan W. Doooley" <dandooley@pipeline.com>
To: <herr@ridgecrest.ca.us>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75647] Re: RE> Want to go "Retro"
Message-ID: <002f01bfff44d\$67c84320\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have any available schematics for regen projects from the '50s - '60s era? I realize that superhets were pretty much the standard by this time, but I'll bet that there were still lots of "beginners" projects from this time period.

I've got a lot more old parts from this period than from the real time of regens ('30s - '40s).

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
SOC#198
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Michael Herr" <herr@ridgecrest.ca.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, July 21, 2000 8:55 PM
Subject: RE> Want to go "Retro"

> Joe,
> I have a GR-81 but am using it! I'm having a fun time with the "retro",
> GR-81 (I built it back in '67 from prune picking money) . I run a little
> 3A4 xmtr with it, pumping a 1/4 watt into the ether.
> ...Mike WA6ARA
> >

Date: Sat, 22 Jul 2000 20:48:54 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [75648] FOX: Progressive Scores
Message-ID: <397A08B6.692.22A5F0@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Guys--

After week 5 there has been something of a shakeup in the Summer Fox Hunt results. There are a LOT of us out there hunting, but the number of hounds with a perfect 5/5 score so far is a mere 19, and I expect that to change tomorrow [g]. You can see the results any time at <http://www.cqc.org/sfox> , where you'll also find the foxes scores (Al's in the lead, but that's not a surprise because he is the only fox to have completed two runs so far). You'll also find a page showing the prizes for the top hunters and fox at the end of it all.

The Big Dawgs team had clean sweeps in the last two hunts-- hope we can keep it up [g].

Meanwhile, following is the tally after week 5...

5 Foxes worked in 5 Hunts-- PERFECT SCORE!

W0CH, K0EVZ, AE9F, W7ILW, NK7M, W7MD, W7QQQ, NQ7X, N6MM,
VA6RF, K6VXN, K5AAR, W5DI, NM5M, N4ROA, WS4S, NV4V, AJ4Y,
N1FN.

3 for 4: KA9TXE, W8DIZ, WB8RCR, NW7DX, N6WG, N5TW, K5JHP, N5IB,
W5YR, AJ4AY, N4SO, KA1DDB, K1QM, W1RO, N1TP.

2 of 4: AA0B, W0AV, WB0HQV, KI0II, KB9BVN, NK9G, WD9IFF, K8CV,
N8IE, AC7AC, NW7DX, WE7G, VA7NT, WA7SPY, K7TQ, KB7WW, NK6A,
W6ABC, VE6JA, WB6JBM, N5GJQ, K5OI, K5LN, KA5T, N5ZE, KU4AF,
KG4BIG, K4LL, AF4PP, AF4PS, W3CD, WZ2T, KC1FB, KE1LA, WJ1R.

1 of 4: NI0A, AB0CD, K0CO, K0EPK, AB0GO, W0HEP, KQ0I, NF0R, N0RC,
AG0T, W0UFO, N0UR, K0ZK, N9AW, N8ME, WB8YYY, K8ZT, W7AQK,
AC7AX, N7CQR, KB7MBI, VE7SL, KU7Y, KB6FPW, KK6MC, N6NU, N6TUU,
K5AX, WD5CMA, K5DW, WB5GWB, W5JAY, N5JI, KK5LD, KC5MC, VE5RC,
K5UP, VE5VA, KM5VY, W5YW, AF5Z, K4GZZ, W4NJK, W4MVZ, K3NY,
W2APF, N2CQ, AE2T, KF2P, HP1AC, W1CFI, K1CL, KC1FB, K1JD,
AK1P

Good hunting!

For the Summer Fox Committee,
N1TP, K0EVZ, K1MG, N1FN

Marshall Emm, N1FN
Milestone Technologies, Inc.

(303) 752-3382
<http://www.mtechnologies.com>

Date: Sat, 22 Jul 2000 21:07:14 -0700
From: Mike <mparkes@att.net>
To: qrp-1@Lehigh.EDU
Subject: [75649] Gel Cell info needed
Message-ID: <v04003a00b5a01e776a20@[12.73.161.69]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for any suggestions from QRP-1 regarding Gel-Cells, specifically for portable, backpacking applications .. I have a Sierra that I would like to run solar with while backpacking, and have heard that a Gel-Cell is a good battery to use with this setup...

I really don't know a lot about the Gel Cells (have never used them), only that they are Lead acid batteries that are using a gel material instead of liquid .. I have seen SLA (sealed lead-acid ; same as Gel Cell?) batteries around the order of 1.2 AH to 2 Ah which would seem to be a good AH capacity to weight ratio- the larger batteries seem to start getting pretty heavy - I guess I am just looking for help regarding:

1. What to look for in a Gel Cell
2. A good supplier for them
3. Any recommendations for solar applications of these.

Thanks 72

Mike AB7RU

Date: Sat, 22 Jul 2000 21:25:51 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: GElam30092@aol.com
Cc: elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [75650] Re: [Elecrafft] 45 Reasons to come to Ft. Tuthill
Message-ID: <397A73CF.8306EA68@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One reason not to, Gary: I'd be living alone by the following weekend (since I made bigtime commitment with my SO for that weekend! Elsewise .. especially since I am also an amateur astronomer.

Phil

Date: Sat, 22 Jul 2000 22:09:29 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Richard Arland <k7sz@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75651] Re: OT: I have Linux, Now What...
Message-ID: <20000722220929.A15797@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, this thread is really getting off topic, but--

It is fairly easy (if you have a large enough hard drive) to set it up to boot from one of many operating systems. The Linux boot loader can be used for this, as can Partition Magic and several similar programs. I did this for quite a while before weaning myself away from Mr. Gates' product.

The StarOffice package from Sun is free for downloading. They announced a few days ago that they would be releasing the source code soon under the GNU public license.

Corel recently released Office Suite 2000 for \$99 but you can get a \$20 rebate (they have a deluxe version with more applications for \$149 with a \$40 rebate). There is a version of Word Perfect 8 which can be downloaded free from Corel. I've been using WP 7, which cost around \$70 and works as well as the Windows version.

The DOS emulator works pretty well, but can be a mess to configure. The wine windows emulator is somewhat limited, but VMware or Win4Lin seem to handle almost any applications.

There are many ham applications available for Linux (see <http://radio.linux.org.au>). As soon as I get my shack set up (I recently moved) I plan to get a Small Wonder PSK-20 and use it with Linux software.

On Sun, Jul 23, 2000 at 01:57:36AM -0400, Richard Arland wrote:

> One of my HDDs crashed on Monday and I just got the Linux For Dummies
> with ver 6.1 so I decided to install it. It took a while and it was a
> "learning experience", but I kept saying to myself that it took me a
> while to master DOS back in the 80s so this won't be all that bad.
>
> Well, I got the system up and running, had superuser status along with a
> regular logon user account on the machine...worked OK, but I had no

> software to run. There was a small word proc program included with the
> Linux package. XWindows is a nice and friendly icon driven desktop, but
> in order to "get productive" one must invest some money. One office
> suite that the book recommended cost \$99 (which pales pricewise in
> comparison to the cost of MS Office 2000 or some of the other
> productivity packages). Another package from Sun Microsystems was
> cheaper but less sophisticated. I tried loading some DOS programs on the
> system but they would not load.
>
> I was under the impression that Linux would run DOS programs, but I
> guess I didn't have the right programs. Alas, I took Linux off Friday
> morning, reformatted the HDD and reinstalled MS Windows...Gates wins
> again! Sigh!

Date: Sat, 22 Jul 2000 23:44:40 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75652] QRP Webring
Message-ID: <003401bff471\$7b565340\$a8231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The QRP Webring <http://www.min.net/~thom/qrp/joinring.html> is really growing! If you have a website devoted to QRP, why not join forces?

72 John K7FD, QRPacific <http://www.teleport.com/~cqdx/qrpclub.htm>

Date: Sun, 23 Jul 2000 21:24:34 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75653] Re: Magnet Wire Source
Message-ID: <397AD5F1.F25AA12D@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Carpenter wrote:

> Here's a good source of magnet wire for antennas and for winding toroids,

> bal/ununs etc...

>

Which brings back to mind didn't we have some discussion on locating a source of relatively small quantities of Litz wire?

Whatever became of that endeavour?

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Sun, 23 Jul 2000 08:11:15 -0400
From: "Scott Hotchkiss" <w4pj@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75654] Re: magnet wire
Message-ID: <000c01bff49f\$1a795580\$43d14dd8@w4pj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found a local motor rewinding shop.
They have spool ends of less than 500 feet
of enamel coated wire - any size -
in a 55 gal drum, headed for recycling.
Oh, the guys at the rear of the shop
like budweiser.

Scott R. Hotchkiss
Fort Lauderdale, Florida

Date: Sun, 23 Jul 2000 08:19:04 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [75655] QRZ.com
Message-ID: <20000723.081923.4479.2.kc8aon@juno.com>

To all that replied,

Thanks for the info about the callsign lookup via email to qrz.com, this will be very handy since all I have is basic juno email and no web access. But I do have a question about it, in the info that I recieve back, it includes in the info something I don't understand. It has 2 different listings that are unclear as to what they mean, one is "license number" and the other is "codes HAI". Can anyone shed any light on this ?

Again - many thanks !

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 23 Jul 2000 12:35:36 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [75656] Humiseal, more Z-match experiments & parts stuff
Message-ID: <20000723.123628.-241209.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Thanks to all who sent me notes about using Humiseal or other similar coatings for boards. The concensus, based on the number of replies, leads me to consider putting the goo to the tuner, parts of the K2 & other items in the travelling radio box. (I also now need to revisit Sams to buy another of their nice & fancy carrying cases for the amp, high-current power supply & similar non-"must have" traveling radio doodads.)

In the interim, as part of the usual "damn, that used to work" discovery process here, I have gone through a rebuild of the Z-match clone ATU box of rusty screws & made the following "discoveries": (using a #6 core)

1. If I put the output link on the space between the high & low ends of the primary winding, the sensitivity (or coupling) between the primary (tuned part) of the tuner & the output link falls drastically above 20m. In fact, 20m almost sounds dead, although I can get a nice low SWR with this set up. Which I suppose means that, although showing a nicely tuned condition on the various SWR meters, not much signal is really getting through.

I've also noticed that the core tends to heat up pretty quickly, even running low power (<15 W).

2. If I put the output link on the space between the two taps of the coil, I get very good coupling of the antenna from 3.5 through 10m (on receive) and manageable (although very, very sharp) SWR tuning. There is no observable heating of the core with this set up, which leads me to consider the efficiency of the set up in #1 above.

3. The difference between 15 W and even 50 W as a factor in arcing between ATU capacitor plates is extremely decisive. Since I'm using open frame "broadcast" variable caps in the tuner, the situation can get very deep into the ozone production scene once I get the tuner tuned & then turn on the PA. I have noted a similar situation with the modified "T-match" design of the "ultimate transmatch" found in the 1978 ARRL handbook, although it is not as critical or prone to arcing as the Z-match design.

At this point it is obvious to me that I need to consider finding capacitors with much greater plate spacing (and a much larger box) in order to play QRP and QROp with the present situation. Thinking this leads me back to the considerations in the first paragraph of this rambling missive. The end result means that QRP as a travel radio mode works fine just the way it is, all things considered. But adding the amp & ancillary devices detracts from the "easy goin'" travel style that QRP allows. Which means that I can only take all the junk (QRP set up & additional QROp set up) on trips involving me alone with no room to spare for belly boards, souvenir inflatable floatation devices, cosmetics, two sun dresses, Imelda Marcos' shoe collection, thirty six different GameBoy game packs, a cooler full of drinks, underway sandwich replenishment stuff & a 6-pack of toilet paper, among other non-essentials (at least non-essential to me).

And . . . I'm actually thinking again about the reduction drive motor driven high-voltage version of the Z-match which caused me to finally settle on the LDG Z-11 QRP transmatch which I know works just great at the beach, providing I don't have to hide everything from the youngest member of the beachside clan when I'm not tryin' to work skip good buddy roger beep. At least such a motor driven fiasco would stay in the outhouse antenna base holding building & not follow me on vacations (with the family).

Now, if I could find the VR that I bought off Roger yesterday along with a huge roll of wire intended for a ground system that will require me getting the edge trimmer attachment for the Ryobi lawn implement that I got last summer with similar plans in mind.

Onward to stupidity and economic ruin!

73

Nils

. . . looks like I need a new keyboard . . . this one's developed a stick on the shift & "e" keys . . . such the nature of progress . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>
"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"
-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 23 Jul 2000 08:44:34 EDT

From: Shephed@aol.com

To: qrp-1@lehigh.edu

Subject: [75657] Re: QRZ.com

Message-ID: <54.6fe3d05.26ac42b2@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hello Rick,

The License Number is the Tin (Taxpayer Identification Number) number used for the database, HAI stands for Ham Radio - Individual.

When you lookup a call on QRZ, click on more info, then click on Codes:, this will bring up a list of each one.

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284

<http://members.aol.com/shephed/n8ie.htm>

In a message dated 7/23/00 8:27:43 AM Eastern Daylight Time, kc8aon@juno.com writes:

> To all that replied,
>
> Thanks for the info about the callsign lookup via email to qrz.com,
> this will be very handy since all I have is basic juno email and no web
> access. But I do have a question about it, in the info that I recieve
> back, it includes in the info something I don't understand. It has 2
> different listings that are unclear as to what they mean, one is "license
> number" and the other is "codes HAI". Can anyone shed any light on this
> ?
>
> Again - many thanks !
>
> 73...Rick McKee KC8A0N { CW lives as long as I do ! }

Date: Sun, 23 Jul 2000 13:08:19 +0100
From: "Pete Milsom" <pete.milsom@virgin.net>
To: "low power usa" <qrp-1@lehigh.edu>
Subject: [75658] MFJ Cub
Message-ID: <000a01bff49e\$c31b0040\$0c29fc3e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All

I am interested in the Cub and would appreciate any comments from anyone who has built one, with regards to performance and on air use.

73 de Pete. G4GSA.

Date: Sun, 23 Jul 2000 08:21:46 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [75659] 20 M Useful Even IF
Message-ID: <20000723.082147.11734.3.n4so@juno.com>

20 Meters has more consistent openings to all parts of the world in high solar or low solar conditions. It has

been called the "bread and butter" DX band because overall DX conditions are superior and most favorable to QRP operations. 20 Meters is the low-noise favorite when other bands are subject to S-9 static levels.

Summertime propagation on 10 Meters favors a North/South path from the USA to South America and the Pacific areas. Some days you can work short skip into the nearby states, and some days you can not. Openings can be sporadic and short-lived. One might hear Macau or Hong Kong one day and never hear it again. Openings can also be to ONE area only.

Compare recent 20 Meter activity from 7/21
Worked from 1100 to 1200Z, 100W and 5W mixed
N7ET/DU7 Negros, Phil. 14.009
HS0ZBS Thailand 14.009
4S7GF Colombo, Ceylon 14.003
3D2AG Fiji Islands 14.018
T88AY Rep. of Belau 14.005
9V1YC Singapore 14.006 and 14.004

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 23 Jul 2000 09:32:53 -0400
From: neil tanner <ntan@crosslink.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [75660] new club
Message-ID: <397AF405.C712763C@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all-
A bunch of us from the Gloucester, Virginia area have formed a very

informal group called the Gloucester Area Qrp and Homebrewers Club.
Please visit our web site at :
http://pages.hotbot.com/photo/wa4chq/G_QRP.html
Thanks es 72-----Neil wa4chq

Date: Sun, 23 Jul 2000 08:03:04 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [75661] ANTS: EDZ and Inverted Vee.
Message-ID: <020b01bff4ae\$b9228f80\$d208710f@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been comparing my 40m EDZ and 40m Inverted Vee against each other.
Since they are both the same height and general location. The EDZ is up 35'
tree(s) mounted and the Inv Vee is on the DQ9SK mast hose clamped to a
T-stake fence post (also at 35'). Both facing the same direction.

The EDZ had a very slight edge (on most signals) but not all the time.
Although the Inverted Vee is about a S-unit quieter, when I switch to the
EDZ the signal strength improved to where the SNR was actually better on the
EDZ (again, on most signals).

I also noticed the Inv V. favoring lower angle signals and the EDZ high
angle(duh). But for the effort the inverted vee is a great antenna
considering it only requires one support! (Hmm... maybe on the BB
adventure!)

Still planning to raise this inverted vee higher ...well advise. Steve/n0tu

Date: Sun, 23 Jul 2000 08:04:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: GElam30092@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75662] Re: 45 Reasons to come to Ft. Tuthill
Message-ID: <Pine.LNX.3.95.1000723080252.30012C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Stop it!....please STOP IT Gerry!.....I still can't make Ft. Tuthill...oh

the pain!.....;-)everyone have a great time and Bonnie & I WILL make it there soon!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 23 Jul 2000 10:48:03 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75663] ANT: QRP use of the Double Bazooka
Message-ID: <397B05A3.DBFA6E41@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I felt sort of bad reporting the installation of the double bazooka antenna with only a QRO (100w) QSO.

Last night I had a few minutes of radio time and got on 14.060 and set my IC-746 to 5w. I answered W9SUL and he came back on my first call. He was 569 as was I. Dave was running 5w of power into a dipole. I asked him to give me the difference between the bazooka and my dipole. He reported the dipole was 449 and the bazooka was again 569 and much better. QTH for W9SUL was MN.

After that I sent out a CQ which was answered by KOUBC, Phil in MN. Phil gave me a 559, he was 579. After learning I'd only been a ham for 8 months, Phil kept me on for a while with a great CW workout. He seemed to be enjoying himself in fact and I appreciated his patience with me asking for repeats. I initially asked for a QRS, so I think that's what gave me away. :) I never did switch antennas while transmitting during this QSO, but I did while receiving and the bazooka was abt an S-Unit better with less background noise.

That was all the time I had, but I'm pretty much convinced the double bazooka is a hot antenna. It has a very broad bandwidth as advertised. The 75/80m version of this antenna is advertised to have a 2.0:1 SWR or less across the entire band. I don't have the 80m version, but from what I've seen on my 20m version, I would guess that it's true. I'll be taking the antenna down after today's fox hunt, but will definitely be looking for a permanent home for it.

If there is one negative about this antenna is that it's pretty unwieldy to install with all that coax going all over the place. Coax is quite a bit heavier than #14 wire (obviously) so you need beefy supports for the antenna to get it installed. Also, the junction between the twin lead and coax radiators is weak. I made mine stronger with a center piece of twin lead and a piece of poly cord as a stress relief - and a lot of electrical tape. I would recommend lower band and hence longer antennas use some sort of feeder line across the entire antenna to add strength. I would hang the antenna from the center T and the feeder line instead of the wires. If I install mine permanently, that's how I'll do it (even though it's quite small).

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 23 Jul 2000 08:55:30 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: <ianpurdie@integritynet.com.au>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75664] Re: Magnet Wire Source
Message-ID: <075a01bff4b6\$0f40e680\$3d56d9d8@sarcos.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How litz wire much do you need, Ian? I had some made up special for the Elmeradios. It is 16 strands of #43 wire with a single layer of nylon serving. Tests show that at 1 MHz it yields Q's somewhere around ten times higher than equivalent sized magnet wire. I had the minimum of two pounds made--scary how much it cost, though, it turns out to be pretty reasonable when you calculate per foot cost.

Measurements on the HP multi-frequency meter indicate Q's of 600+ !! It is somewhat difficult to get stable Q readings when it is that high. The coils pick up all kinds of noise which "confuses" the meter a bit.

Speaking of Elmeradio, my employer has got me working 75-80 hours a week "until the big rush is over". Elmer has been stuck for the last month. I do have a loopstick coil winding machine, now--a converted Harbor Freight mini lathe. Now, if I didn't have to work for a living...

----- Original Message -----

From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, July 23, 2000 5:24 AM
Subject: Re: Magnet Wire Source

> Chuck Carpenter wrote:

>

> > Here's a good source of magnet wire for antennas and for winding
toroids,

> > bal/ununs etc...

> >

> Which brings back to mind didn't we have some discussion on locating a
source

> of relatively small quantities of Litz wire?

>

> Whatever became of that endeavour?

>

>

> 72/73's

>

> Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E

> My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>

> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

> URL - <http://www.electronics-tutorials.com/>

>

>

Date: Sun, 23 Jul 2000 08:12:12 -0700 (PDT)

From: wa4dou@excite.com

To: qrp-l@lehigh.edu

Subject: [75665] Re: 45 Reasons to come to Ft. Tuthill

Message-ID: <19698141.964365132972.JavaMail.imal@roary.excite.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang,

Ft. Tuthill is a really good hamfest. Anyone who can find their way there
, should do it, especially now that so much qrp activity has become a part of
it.

I lived in Flagstaff between 1976 and 1978, and worked as a communications
tech. for DPS(Hwy. Patrol)(with Scott ex. WA7NRS,N7FU,K7ZEN, etc.). The
climate is great in the summer, not too hot(abt. 90 f.) , low humidity,etc.

The folks there are very friendly, and theres lots of fun to be had by all.
73 Roy WA4DOU

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Sun, 23 Jul 2000 10:01:17 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [75666] Ft. Tuthill
Message-ID: <B5A072ED.1CC3%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - I am really looking forward to being at Tuthill this year. It looks like a great program has been planned by the SQRPions.

Tuthill is one of my favorite Hamfests. There is a real informal atmosphere about it. The QRP gathering is fantastic with participants from all over the SW. Many families attend and so the atmospnere is much different than with many hamfests. There is always a good set of commercial exhibits and the flea market is usually large unless the Arizona Tax board has been visiting.

See you there? - Dr. Megacycle

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 23 Jul 2000 09:58:24 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-l@lehigh.edu
Subject: [75667] Re: 20 M Useful Even IF
Message-ID: <16936654.964371505905.JavaMail.imal@roary.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang,

I have to agree with Ken to a large extent. In high solar conditions, the bands above 20 meters are easily wiped out, and stay dead longer, because of solar flares. Summertime conditions on 10 are very "iffy". 15 meters can be a very good dx band in high solar conditions, with low noise. I haven't noticed it before in past cycles, but 10 and 15 meters can remain open all night long to somewhere. That's routine with 20, except in the lower part of the cycle. In the low part of the cycle, 20 meters opens to everywhere, sometime during the daylight.

In recent years, I read of a W1 who devoted all his energy to working DX on 20 meters and thus only had a 3 element yagi for 20. His reasoning was that all dx and all dxpeditions come to 20 meters. Sounds like a very powerful argument to me. I'm seriously thinking about abandoning the "tribander" concept and pursuing monobanders. I'd like better f/b ratio than a "tribander" represents and the little extra gain can't hurt. I'm thinking seriously about using a 10 meter(4 or 5 ele.) monobander during the winters on either side of the solar maximum, 15 meter monobander(3 or 4 ele.) on either side of that about a year, and a 3 element 20 meter monobander(16-18 ft. boom) the rest of the time. I'm beginning to think that there are just too many bands to work, to be able to try to do them justice, with a "tribander". One good nighttime band(40 /30m.) and one good daytime band(20 can be both at times) is becoming a very attractive idea for me.

73 and G/L de Roy WA4DOU

On Sun, 23 Jul 2000 08:21:46 -0500, n4so@juno.com wrote:

> 20 Meters has more consistent openings to all parts of
> the world in high solar or low solar conditions. It has
> been called the "bread and butter" DX band because overall
> DX conditions are superior and most favorable to QRP operations. 20
> Meters is the low-noise favorite when

Say Bye to Slow Internet!

<http://www.home.com/xinbox/signup.html>

Date: Sun, 23 Jul 2000 13:01:51 -0400

From: "Ken Simpson" <W8EK@fdt.net>

To: "QRP List" <qrp-l@lehigh.edu>

Subject: [75668] Electronic "reference type books" FS
Message-ID: <007601bfff4c7\$b343d6a0\$2d76fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Electronic "Reference type books" for sale:

Solid State Design for the Radio Amateur -
First Edition - 1977 - \$ 10

ARRL Electronics Data Book - first edition
1976 - Like new - \$ 10

AX.25 Amateur Packet Radio - Ver 2.0 - 1984 - \$ 7

ARRL Ham Radio Operating Guide - first edition
1976 - \$ 8

ARRL Operating Manual (the big thick one)
1988 - 3rd edition - \$ 12

Although not directly radio related, someone might be interested

Handbook for Patrol Leaders (Boy Scouts) - 1950 copyright -
1959 printing \$18

1986 American Red Cross "Expect the Unexpected" \$ 2

Prices do not include shipping from Florida.

Thanks.

73,
Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Sat, 22 Jul 2000 06:10:25 -0700

From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [75669] Tuthill and Your Bod
Message-ID: <39799D41.60B51FBC@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I just want to remind our out of state prospective attendees about how to dress and exist in our high desert environment. The temperatures will probably hover around 80-90 degrees F in the day, down to 45-55 degrees F at night. The key is to dress in layers. Bring shorts AND blue jeans. A sweater, and maybe a light jacket will work well. We are in the middle of our rainy season here, which means that there is a good chance of a shower or two, it rarely rains for any real length of time. Bring an umbrella, or rain hat etc. The elevation is around 7,000 Ft AMSL. Bring sunscreen, NOT tanning lotion. If you have a breathing or heart problem, take it easy accordingly. Bring a hat to ward off the sun. You find the environment quite pleasant, the mean temperature is quite comfortable, but in a dry environment such as this, the temperature highs and lows can be quite abrupt. Also bring a water bottle, canteen etc. There is lot's of water available, but getting to the water fountain can be a hassle.

It will be the best Tuthill yet by all indications. We surly want all f our guests to be as comfortable as possible and to enjoy the experience to the maximum that law allows ;)

Brian K7RE

Date: Sun, 23 Jul 2000 13:47:18 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75670] Assistance, pse
Message-ID: <001801bfff4ce\$0cd83700\$4123113f@win98>

I am passing this along for a fellow Ham in Tampa.....please reply direct with your input and I will pass it along to him. From what I have seen of this group, there is a ton of knowledge out there, so I am hoping to tap into some of it.

73,
Erv W8ERV

<The antenna project I'm working on came from a book called, "The Giant Book of Electronics Projects", by the editors of 73 magazine, copyright 1982. The antenna is a pair of five element yagi beams but instead of using dipole driven elements it uses folded dipoles witch means that a pair mounted vertically-26inches apart gives them a 300 ohm impedance. This is ok-its easy to make a match using a simple coaxial balun BUT what I would like to accomplish is to mount another pair of these below the first set for a couple more dB of gain. Well this would give me a 75 ohm impedance I think? Question is how do I match this to a 50 ohm coax and minimize SWR and maintain a high Q at the antenna? (ALL input is welcome, es Tnx!)

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn.
MI QRP Club, M-1688 - FPqrp- 50 - Member ARRL
Rag Chewers' Club - WAC -

Date: Sun, 23 Jul 2000 10:55:31 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Cc: wa6ger@aol.com
Subject: [75671] KI6DS heading for Ft. Tuthill
Message-ID: <LAW2-F278ZN9KAy4MoS000019c4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, JoAnne and I are spending the weekend with W5JAY and KD5KJQ in Ft. Smith, AR. We will leave Monday morning for Raymond, Ks to visit with my dad and then head out Wednesday morning for Ft. Tuthill. W5JAY will meet up with us on I-40 and we will caravan out to the best hamfest in the world. If you are anywhere within driving distance (that is 1000 miles folks) you need to be there. The guys have talked about all of the fun there is there, and every word is true. I first attended 5 years ago, and have not missed one since. The only other hamfest that I have gone to every year the past 5 years is Pacificon, and I have to work that one, grin.

Sure hope to see all of the guys that usually go, and will probably not get

very much sleep, but it is all worth it. I need to have a qrp fix as I have not been on qrp-1 at all this summer, and I heard from JayBob that I missed some excitement, but that is the price that you pay for relaxing and taking life easy.

The only qrp activity that I have had this summer is a wonderful visit with the Ft. Smith QRP group, attending a St. Louis QRP Club meeting, and attending a NJ QRP club meeting. I was hopeful of being able to travel up to Maine, and also to Long Island, but was not able to work it into my schedule. JoAnne's brother had a full slate of activities planned for us that we did not know about, and there was not time to work it in. I did sneak off for one day to visit Mike Tracy at ARRL headquarters. We went for lunch at Tinker's Fish Market, a place that I hear that Ed Hare personally keeps in business (Ed was not there, darn, as it was my turn to buy). Also stopped by for a great visit with Dave Benson, who is swamped with orders and doing great. Dave will also be at Ft. Tuthill. We also played some guitar and had a blast.

Anyway, can't wait to see all of you at Ft. Tuthill. Will arrive on Thursday evening and will be at the campground with Bob and Bertie. See you there. Also, don't forget to bring some money and buy some of the great new kits from the ScQRPions. Their new noise generator kit is a great bargain for \$10 and everyone needs one in the shack.

72, Doug

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Sun, 23 Jul 2000 10:31:40 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: john@neknetwork.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75672] Re: ANT: QRP use of the Double Bazooka
Message-ID: <397B2BFC.F758AC4@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello John,

It is always exciting when a newly installed antenna plays well for us. In your particular case, the coaxial dipole, better known as the Double-Bazooka, appears to be one of those. But before everyone goes out and pulls down their dipoles to replace them with a Double-Bazooka, it should be noted that there really isn't any reason why it out performs the simple dipole: They are both dipole antennas. In fact, Frank With, AI1H, found that

the Double-Bazooka had higher resistive losses than the ordinary dipole, and that should actually result in a lower signal strength (the difference would likely be imperceptible on the receiving end). Any improvement in signal strength can only be attributed to another factor such as antenna's physical placement (orientation, height, proximity to other structures) resulting in an angle of radiation, or gain pattern, that favors the receiving station.

The Double-Bazooka has been found to exhibit somewhat better bandwidth than a dipole constructed from a single, small- gauge wire. Walt Maxwell, W2DU, published an extensive analysis of the Double-Bazooka in the "Technical Correspondence" column, in September 1976, QST (It is also published in Chapter 18, of his 1990 book, "Reflections - Transmission Lines and Antennas"). In a nutshell, the analysis shows that the claimed reactive cancellation afforded by the coaxial stubs is not sufficient to explain the broadband characteristic of the antenna. The improved bandwidth is due to the increased radiator thickness associated with using coaxial cable (reduced length-to-diameter ratio) as the radiator element; and unfortunately the aforementioned resistive losses. The key to improved dipole bandwidth is reducing the antennas physical length-to-diameter ratio (L/D) and this easily accomplished by using two or more, parallel conductors, spaced a few inches or feet apart. One article on antenna of this design is titled "Fat Dipoles" and was published in the ARRL's Antenna Compendium - Volume 2. Reactance cancellation networks placed across the feedpoint afford some bandwidth extension as well.

I applaud your efforts, especially as a new ham, to experiment with your antennas and improve your station's performance. If this antenna is providing you with better overall performance by all means continue to use it, but it would be worthwhile making an effort to understand why your ordinary dipole is providing less signal strength.

Best Regards, Thomas - AC7A (Tucson)

John Wagner wrote:

> Gang,
>
> I felt sort of bad reporting the installation of the double bazooka
> antenna with only a QRO (100w) QSO.
>
> Last night I had a few minutes of radio time and got on 14.060 and set
> my IC-746 to 5w. I answered W9SUL and he came back on my first call. He
> was 569 as was I. Dave was running 5w of power into a dipole. I asked
> him to give me the difference between the bazooka and my dipole. He
> reported the dipole was 449 and the bazooka was again 569 and much
> better. QTH for W9SUL was MN.
>
> After that I sent out a CQ which was answered by K0UBC, Phil in MN. Phil

> gave me a 559, he was 579. After learning I'd only been a ham for 8
> months, Phil kept me on for a while with a great CW workout. He seemed
> to be enjoying himself in fact and I appreciated his patience with me
> asking for repeats. I initially asked for a QRS, so I think that's what
> gave me away. :) I never did switch antennas while transmitting during
> this QSO, but I did while receiving and the bazooka was abt an S-Unit
> better with less background noise.
>
> That was all the time I had, but I'm pretty much convinced the double
> bazooka is a hot antenna. It has a very broad bandwidth as advertised.
> The 75/80m version of this antenna is advertised to have a 2.0:1 SWR or
> less across the entire band. I don't have the 80m version, but from what
> I've seen on my 20m version, I would guess that it's true. I'll be
> taking the antenna down after today's fox hunt, but will definitely be
> looking for a permanent home for it.
>
> If there is one negative about this antenna is that it's pretty unwieldy
> to install with all that coax going all over the place. Coax is quite a
> bit heavier than #14 wire (obviously) so you need beefy supports for the
> antenna to get it installed. Also, the junction between the twin lead
> and coax radiators is weak. I made mine stronger with a center piece of
> twin lead and a piece of poly cord as a stress relief - and a lot of
> electrical tape. I would recommend lower band and hence longer antennas
> use some sort of feeder line across the entire antenna to add strength.
> I would hang the antenna from the center T and the feeder line instead
> of the wires. If I install mine permanently, that's how I'll do it (even
> though it's quite small).
>
> 73,
>
> John, KB1ENS
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>
> Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 23 Jul 2000 11:28:57 -0700
From: "Damon Raphael" <w7md@azstarnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75673] W7MD Hound No More
Message-ID: <004c01bff4d3\$de4c91a0\$3027c5a9@virgo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A giant Arizona monsoon storm destroyed my big 6-el 20 mtr monoband beam last night. It will be a while before I can get back onto 20 mtrs.

Good news is that the XYL gifted me with a K2 for my birthday and I will be at Ft Tuthill for the next weekend.

73,

Damon W7MD
Tucson, AZ

Date: Sun, 23 Jul 2000 14:48:46 -0400
From: JP <jdanter@mail.i-america.net>
To: <qrp-1@Lehigh.EDU>
Subject: [75674] Re: Gel Cell info needed
Message-ID: <397B3E0E.8A55C837@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are a few good info sites on G-Cells,
used sources, and load testing.

<http://aresva.org/library/free-batteries.html>

~~~~~  
More info

[http://www.e-marine-inc.com/battery\\_charging.html#state](http://www.e-marine-inc.com/battery_charging.html#state)

~~~~~  
Solar&Wind

<http://www.e-marine-inc.com/index.html>

~~~~~  
Battery Basics

<http://www.gatorloc.com/site/faq.html>

~~~~~  
I have no pecuniary interest in the above vendors/websites.

~~~~~  
KF4VOP

Jamie Danter  
Troutman NC

-----  
Date: Sun, 23 Jul 2000 12:19:17 -0700 (PDT)  
From: Jim Durkin <jimdurkin@yahoo.com>

To: qrp-1@Lehigh.EDU  
Subject: [75675] Reading while operating CW  
Message-ID: <20000723191917.20751.qmail@web313.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Photo on page 31 of Aug QST shows a fellow reading  
while operating CW. Did they mean this for the April 1  
issue?

73

Jim kt4a

-----  
Do You Yahoo!?  
Get Yahoo! Mail Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Sun, 23 Jul 2000 15:39:41 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [75676] FS : PnP blue pcb film  
Message-ID: <Pine.LNX.4.20.0007231533020.756-100000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did you want to try making pcboards but didn't want to get too many pcb  
film sheets?

You can get 5 sheets for \$7.50 postpaid CONUS (continental US).

Jim Skalski  
35 Castlewood Drive  
Cheektowaga, NY 14227

First come first served.  
Get confirmation that I still have enough before sending anything.

see description of film at the following:

<http://www.techniks.com/>  
73,

Jim n2go

-----  
Date: Sun, 23 Jul 2000 13:50:05 -0600  
From: "Rod, N0RC" <n0rc@qsl.net>  
To: "qrp-1" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>, "ncarc-1" <ncarc@qth.net>  
Subject: [75677] Foxhound-mobile PIX now posted  
Message-ID: <002901bff4df\$9bf0d800\$118611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ok Folks:

I've added the "Foxhound-mobile" pictures to my website. K2,  
PW-1...etc. setup in my car for the Thurs. foxhunts.

[http://www.qsl.net/n0rc/foxhound\\_car/foxhound\\_mobile.html](http://www.qsl.net/n0rc/foxhound_car/foxhound_mobile.html)

---  
72/3 Rod, N0RC -- Fort Collins, CO

-----  
Date: Sun, 23 Jul 2000 14:54:28 -0600  
From: "Rod, N0RC" <n0rc@qsl.net>  
To: "Ron Majewski" <majewski@erim-int.com>, "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [75678] fox 23-Jul qso(s)  
Message-ID: <005401bff4e8\$49afa0e0\$118611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ron et.al.

SRI to have to DUP. After the 2036z QSO I realized my power was set to  
50W not 5W!

The 2047z dup was with the correct power, 5W. Please DQ the 2036z and  
count the 2047z QSO. My conscience just would let me slide with it.

Was using the Icom-746 home station today, had the power meter on the  
wrong scale. These kinda things don't happen with a K2! ;-)

---

72/3 Rod, NØRC -- Fort Collins, CO

-----

Date: Sun, 23 Jul 2000 15:47:09 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [75679] Another Pelt for the Wall... :-)  
Message-ID: <200007232047.AA00327@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Local conditions were tough, with plenty of man-made noise, but I found the Fox and brought him to bag. Took me a bit to find him, as he sprang from his hole around 14.057 instead of the .060 den. He's been going up and down, presumably swinging his beam around. Been down in the noise, and 40 over 9. Man, this is fun! :-)

72/73

Todd, AGØT  
QRP-L # 2211, ND

-----

Date: Sun, 23 Jul 2000 14:20:42 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [75680] Re: W7MD Hound No More  
Message-ID: <000601bfff4eb\$dbbf4320\$19d2fc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Damon  
Congratulations on your gift K2.

Sorry to hear your beam came down. It must have been about the right size, though,  
as "any antenna you can keep up is too small". :-)

Throw up a dipole and keep going. The foxes are alive and well and looking

for hunters.

73, Bob N6WG

-----  
Date: Sun, 23 Jul 2000 17:20:44 EDT  
From: W1R0@aol.com  
To: qrp-l@lehigh.edu  
Subject: [75681] Did u kill the Fox?  
Message-ID: <30.7f448e1.26acbbac@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Only hear him twice so far and on about RST 119

-----  
Date: Sun, 23 Jul 2000 17:24:32 -0400  
From: "Kenneth Wilson" <kg4big@mindspring.com>  
To: <W1R0@aol.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [75682] Re: Did u kill the Fox?  
Message-ID: <003001bfff4ec\$67682180\$382856d1@oemcomputer>

I have not heard a peep. Condx very poor here. Not much going on in the GAQP either.

Oh well

73 Ken KG4BIG  
----- Original Message -----  
From: <W1R0@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, July 23, 2000 5:20 PM  
Subject: Did u kill the Fox?

> Only hear him twice so far and on about RST 119

-----  
Date: Sun, 23 Jul 2000 14:27:45 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-1@Lehigh.EDU>  
Subject: [75683] Fox--With a Single Shot  
Message-ID: <000c01bff4ec\$d7f54d60\$19d2fc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just got my phased array for 40m and 20m working. Seems to be doing ok now.  
Just caught W8RU with my first call, so I'm 5 foxes out of 6 now. Missed  
one when I fogot to show up :-(  
Watch out, all you Foxes, the Fox Hammer is coming down :-)  
GO BIG DAWGS  
72, Bob N6WG

-----  
Date: Sun, 23 Jul 2000 14:43:14 -0700  
From: "Damon Raphael" <w7md@azstarnet.com>  
To: <n6wg@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [75684] Re: W7MD Hound No More  
Message-ID: <001b01bff4ef\$02513220\$4320c5a9@virgo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No place to hang a dipole unfortunately. Part of the big antenna is poking  
through the tower so I cannot crank it down to work on it. Only a fool  
would try to climb an extended crankup tower. It will be a job for a crane  
crew.

I have a St Louis Vertical setup on order from W6MMA but it is not here yet  
otherwise I would be using it now.

It will take some time to get things in order here. Very few people will  
work outside in 100 plus Arizona heat.

But you are right. It was the right size, hi hi.

73,

Damon W7MD  
Tucson, AZ

----- Original Message -----  
From: Bob Tellefsen <n6wg@earthlink.net>



To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, July 23, 2000 2:20 PM  
Subject: Re: W7MD Hound No More

> Damon  
> Congratulations on your gift K2.  
>  
> Sorry to hear your beam came down. It must have been about the right  
size,  
> though,  
> as "any antenna you can keep up is too small". :-)  
>  
> Throw up a dipole and keep going. The foxes are alive and well and  
looking  
> for hunters.  
>  
> 73, Bob N6WG  
>

-----  
Date: Sun, 23 Jul 2000 18:06:21 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [75685] FOX?...what FOX  
Message-ID: <d9.741d2a2.26acc65d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Well, I guess the wall into New Hampshire is up in the summer also as is was  
in the winter. Could not hear the FOX anywhere today. did hear some of the  
hounds though so I know he must be out there somewhere... Will try again next  
time.

Aron  
N10DL  
Bedford, NH

-----  
Date: Sun, 23 Jul 2000 18:07:46 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [75686] FOX: Double Bazooka does the job!  
Message-ID: <397B6CB2.9A8C911B@neknetwork.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just bagged the fox at 2158 on 14.057 - 559 both ways.

W0000000000000 H000000000000000000!!!!!!!

Man this was one tough fox! I've been listening since 2000 and I heard NOTHING, ZIPPO, NADA, ZILCH. Pretty much gave up actually and had a few Q's on the side. Just on a whim I rolled through 14.057 + a little and there he was "CQ FOX de W8RU" FIRE, BOTH BARRELS... nothing, he called again - I had aimed little high, tune to 14.057 exact, FIRE - GOT HIM!

Man, I'm one happy fox hunter! Ron, thanks for being my first fox of the season. I really wanted this one as scheduling conflicts will keep me from the next two hunts. I'll back soon though, fully loaded!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Sun, 23 Jul 2000 18:12:46 -0400  
From: "w8diz" <w8diz@cinci.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [75687] Re: FOX?...what FOX  
Message-ID: <00f601bff4f3\$22546610\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FOX not heard in South West Ohio either!  
Heard all the hounds as usual though.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

> Well, I guess the wall into New Hampshire is up in the summer also as is  
was  
> in the winter. Could not hear the FOX anywhere today. did hear some of the

> hounds though so I know he must be out there somewhere... Will try again  
next  
> time. - Aron N10DL Bedford, NH

-----  
Date: Sun, 23 Jul 2000 18:14:50 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [75688] Re: ANT: QRP use of the Double Bazooka  
Message-ID: <003801bff4f3\$6cbb2ea0\$fdd179a5@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I had a bazooka once, cut for 80M. It worked great most of the time, but over time the "joints" began to fail and it became problematic to use.

A couple other negatives about a bazooka:

Others have already pointed out the bulk disadvantage.

What I think is a major reliability issue is what I call the joints, where the inner and outer conductors of the coax criss-cross over for the next leg. First, the more joints you have, the worse the overall reliability of the antenna is over time. And, if the experimenter isn't a good solderer (these joints are no fun) they can become a mess, as well as an impedance bump I imagine. A dipole on the other hand is just straight wire and doesn't have these reliability issues. You can't get much simpler than a dipole.

Just food for thought.

Dave K8TRF

-----  
Date: Sun, 23 Jul 2000 15:23:55 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [75689] F00MOT on 12M @ 40mW & 20mW  
Message-ID: <20000723222355.11313.qmail@web703.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Just worked (2132z 23/7/00) F00MOT on 24.919mHz with 40mW, using my personal callsign KJ5TF. This was 129,525 miles per watt. (Thats 5181 miles /.040)

The old MPW record is 127,583, set by C08LY & myself 20 March this year. That was with my infamous "tree quad" mounted 8ft off the ground, and pointed the wrong way.

I did a little write up on that amazing day, and you can see it on my webpage, under 12M tree quad item # 7 on my index page.

Its a fun read, and check out the tree quad pictures, for a chuckle.

If I can confirm the contact, I can better my old benchmark for 12M by almost 2000 miles.

After logging that one, and doing the math and a happy dance he was still CQ'ing with no takers.

So naturally I lowered my power and gave him a few tries at 20mW useing the Arkansas QRP club callsign.

He got my call, and we exchanged signal reports. This one made the log book for the club station NQ5RP!

If I can confirm this one, the new MPW mark for 12M band will be  $5181/.02 = 259,050$  MPW.

With the improved band condx, be sure to have a crack at one of the MPW records. I have the latest worlds record miles per watt data for all ham bands on my webpage also.

My rig, Elecraft K2, MW-2, Ten Tec 290 attenuator, and 2 ele quad for 10/12/15M at 70ft.

72/3'z de Jim KJ5TF - NQ5RP trustee  
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?

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<http://mail.yahoo.com/>

-----  
Date: Sun, 23 Jul 2000 17:20:24 -0700  
From: "jay henson" <jbhenson@zebra.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [75690] FOX andCondx  
Message-ID: <000301bff504\$f78499c0\$f2450cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello to everyone,

Today's FOX hunt was a complete reversal of the last 2. Ron was S3 to S9+ for 2 solid hours into the lower reaches of AL, the proverbial RF Blackhole. After getting the fox tail for my antenna, I just listened and played with the K2 for the rest of the hunt and was able to copy about 20 or so different hounds, mostly from the SW but a few from the NE, during the first hour. Condx changed for the second hour. Hounds were slim.

Sorry Ron for sucking all of that FB rf into the AL blackhole and not letting it back out. Great job and tnx for the tail.

My best to all and see you Thursday night.

jay  
AJ4AY - Mobile, AL  
QRP-L 1372    ARCI 8131    SOC 220  
"All too often, we do smart things only after exhausting every conceivable dumb thing we could have done."

-----  
Date: Sun, 23 Jul 2000 16:33:43 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [75691] Killing the Fox  
Message-ID: <397B1E67.8973.25D941@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Good strong sigs here in CO at the start, but by 2100 he had vanished into the haze, unless somebody killed him.

C'mon, guys-- you don't need the whole pelt! Just take an ear, or the tail, and leave some fur for the other guys!

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Sun, 23 Jul 2000 18:47:57 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, Mac Stein AF4PS <Macstein@aol.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>, Pete Burbank NV4V <plburbank@kih.net>, Paul Womble <pwomble1@tampabay.rr.com>  
Subject: [75692] Got FOX pelt OK today  
Message-ID: <200007231848\_MC2-AD3A-99D1@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Tom and everyone:

Got him #1 today. Just happened to be fooling around with my SST getting= ready for the Bumblebees next Sunday. Heard him begin right at 2000Z, ga= ve a call--and BANG he came right back to my 1.6 watts. Right at the beginning the band was completely clear except for the FOX.....but right after our QSO, here came the hunters :-). Yikes, gotta say it was a thri= ll to bag him right at the outset, and with the tiny rig. Antenna was that "lousy double bazooka".

72/73,  
--W.D. (Doc) Lindsey  
DSBF  
PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

-----  
Date: Sun, 23 Jul 2000 18:55:56 -0400  
From: John AE5X <ae5x@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [75693] More QRP rig modifications  
Message-ID: <20000723.185556.11606.2.ae5x@juno.com>

I've recently added modifications for the Wilderness SST and NC40A to my page. Thanks to all who contributed.

If anyone knows of other mods for these rigs, please send em my way.

Thanks and 72,

John Harper, AE5X  
HW-9, OHR-100A/20, NC40A, SST/30, SST/40, DSW/20  
Outdoor QRP <http://www.qsl.net/ae5x>

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-----  
Date: Sun, 23 Jul 2000 15:59:38 PDT  
From: "Doug Hendricks" <ki6ds@hotmail.com>  
To: qrp-l@lehigh.edu  
Message-ID: <LAW2-F284EFmsQSkLx00000197a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

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Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

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End of QRP-L Digest 1891

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